

FIG. 1

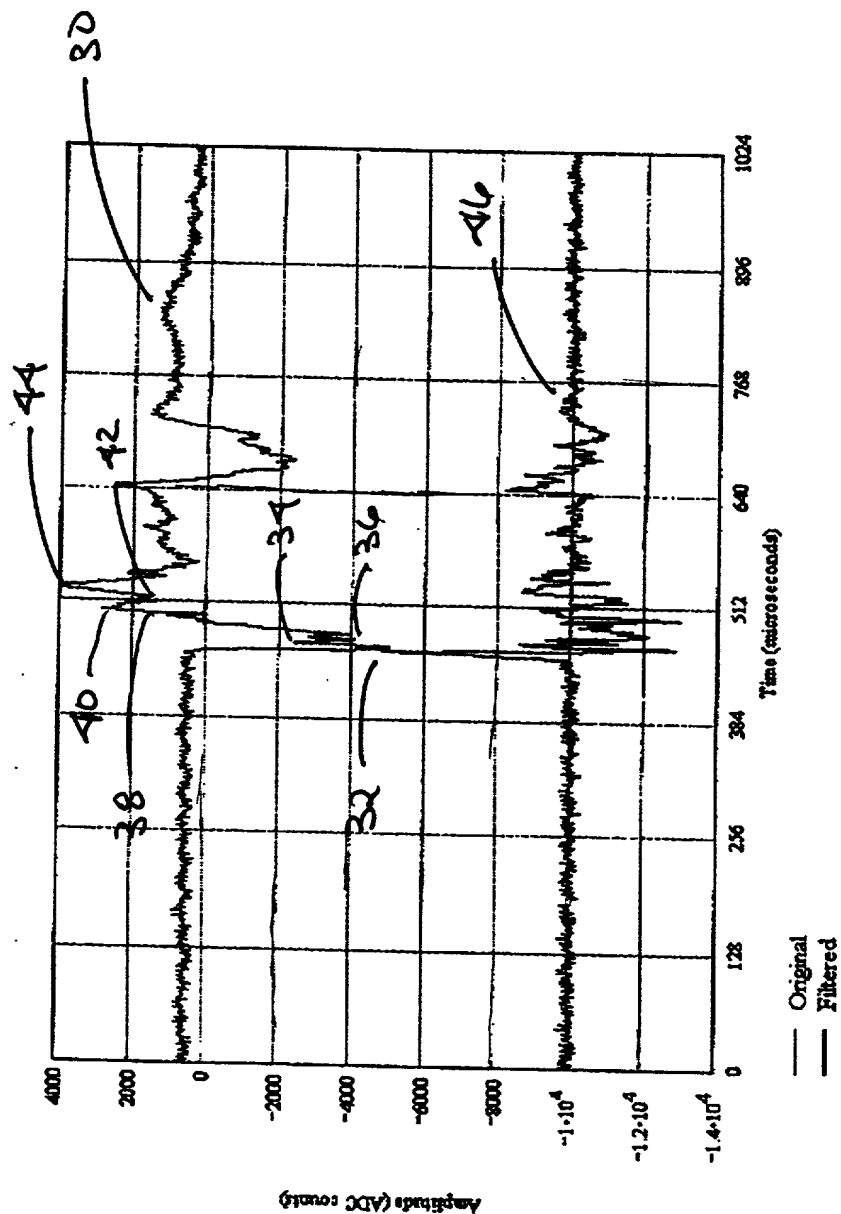


FIG. 2

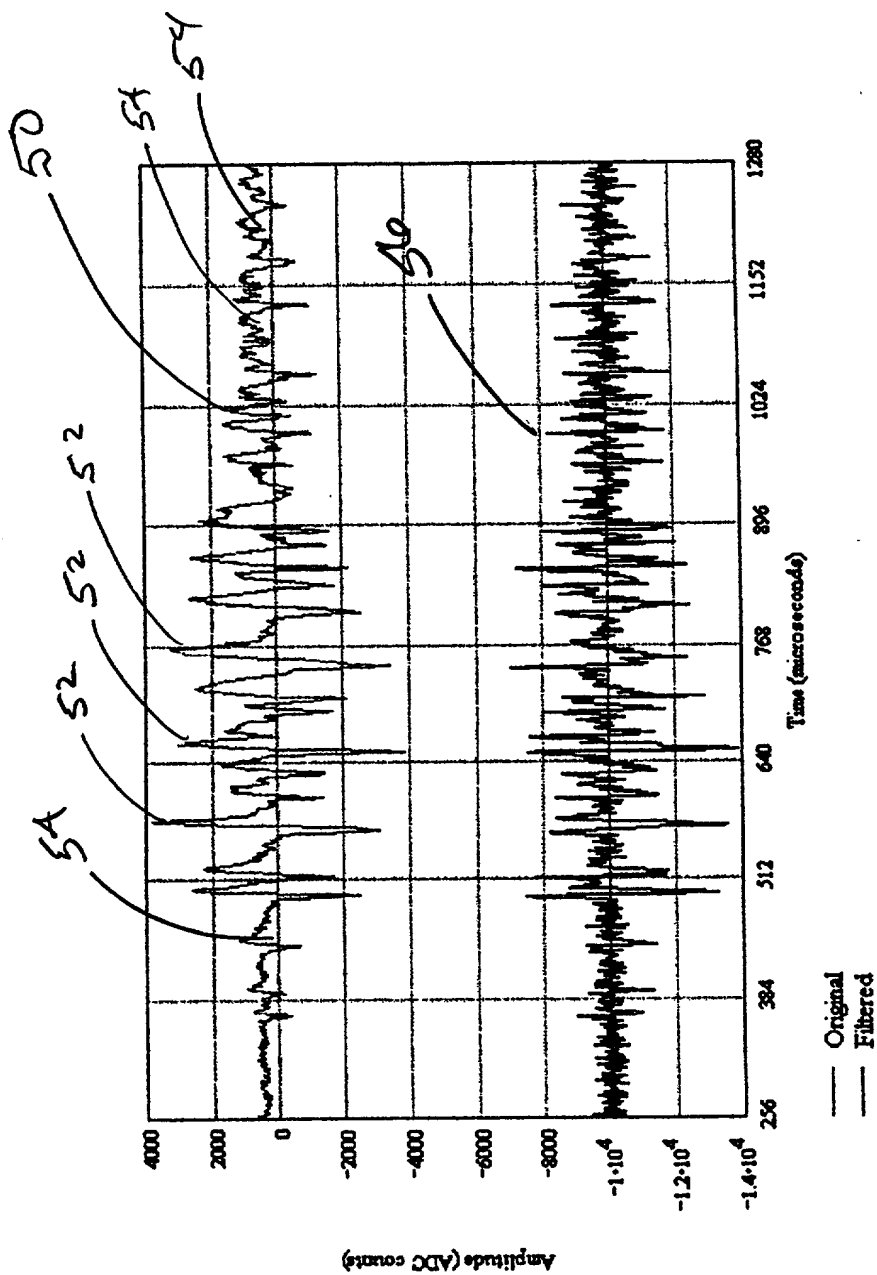


FIG. 3

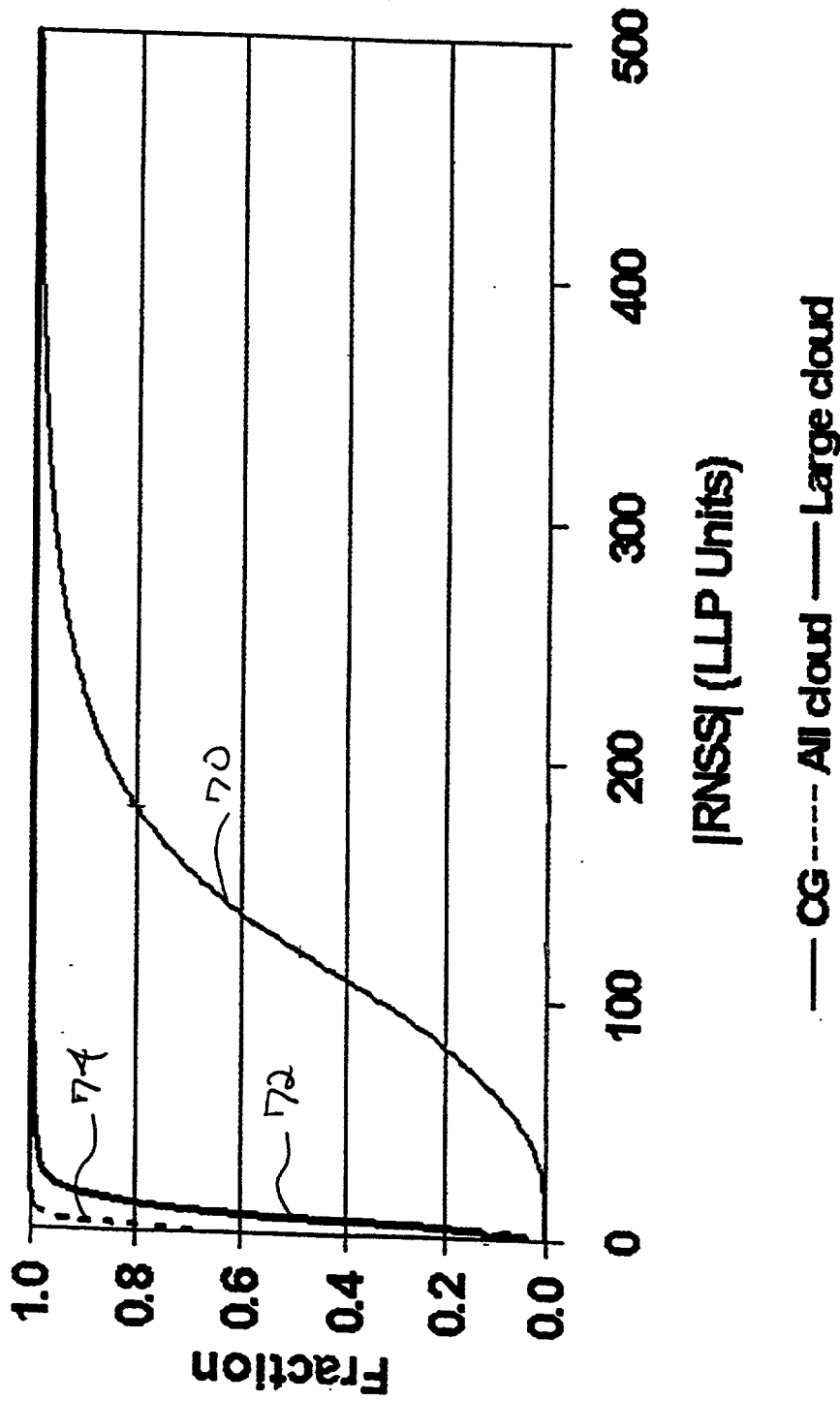


FIGURE 4

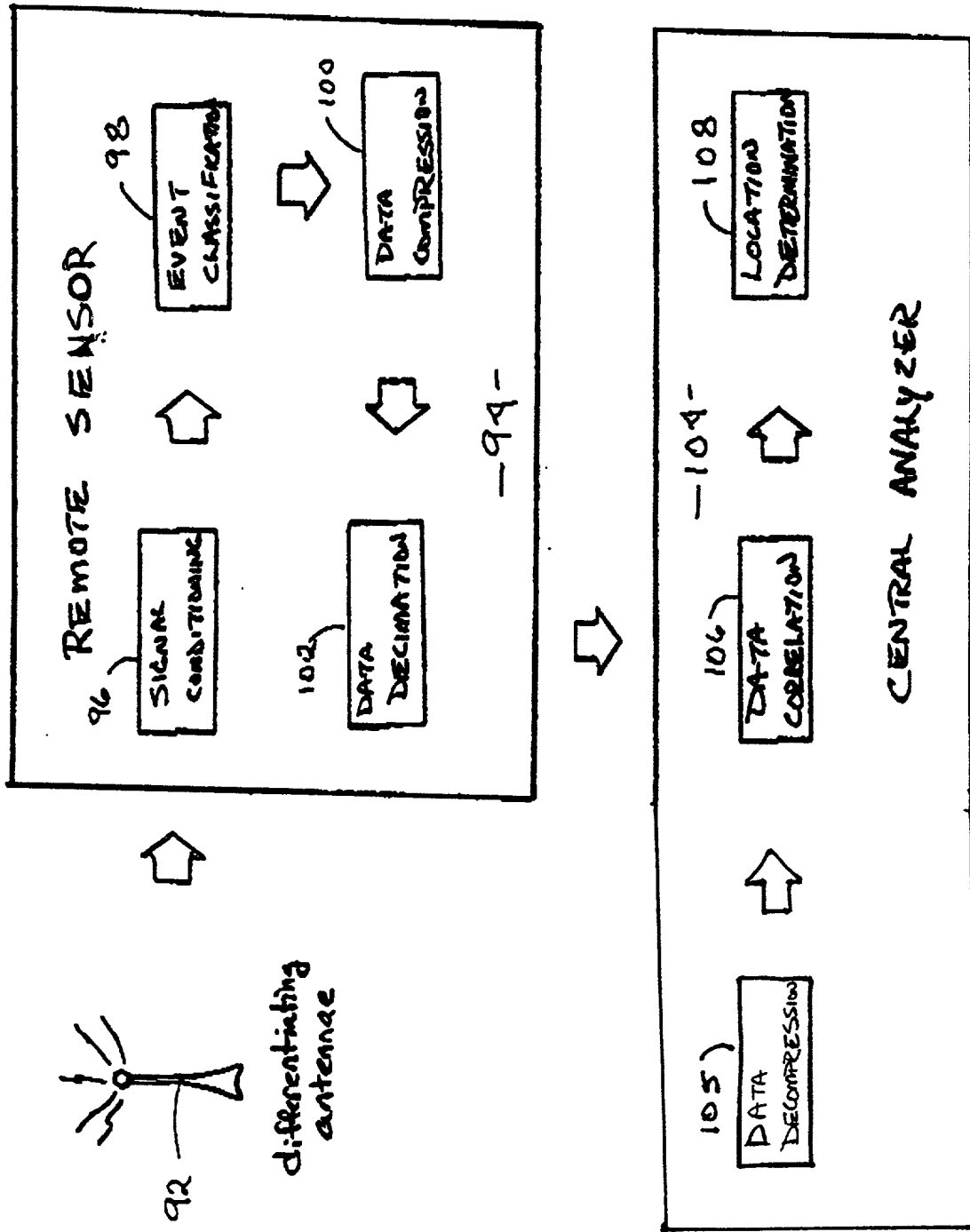


FIG. 5

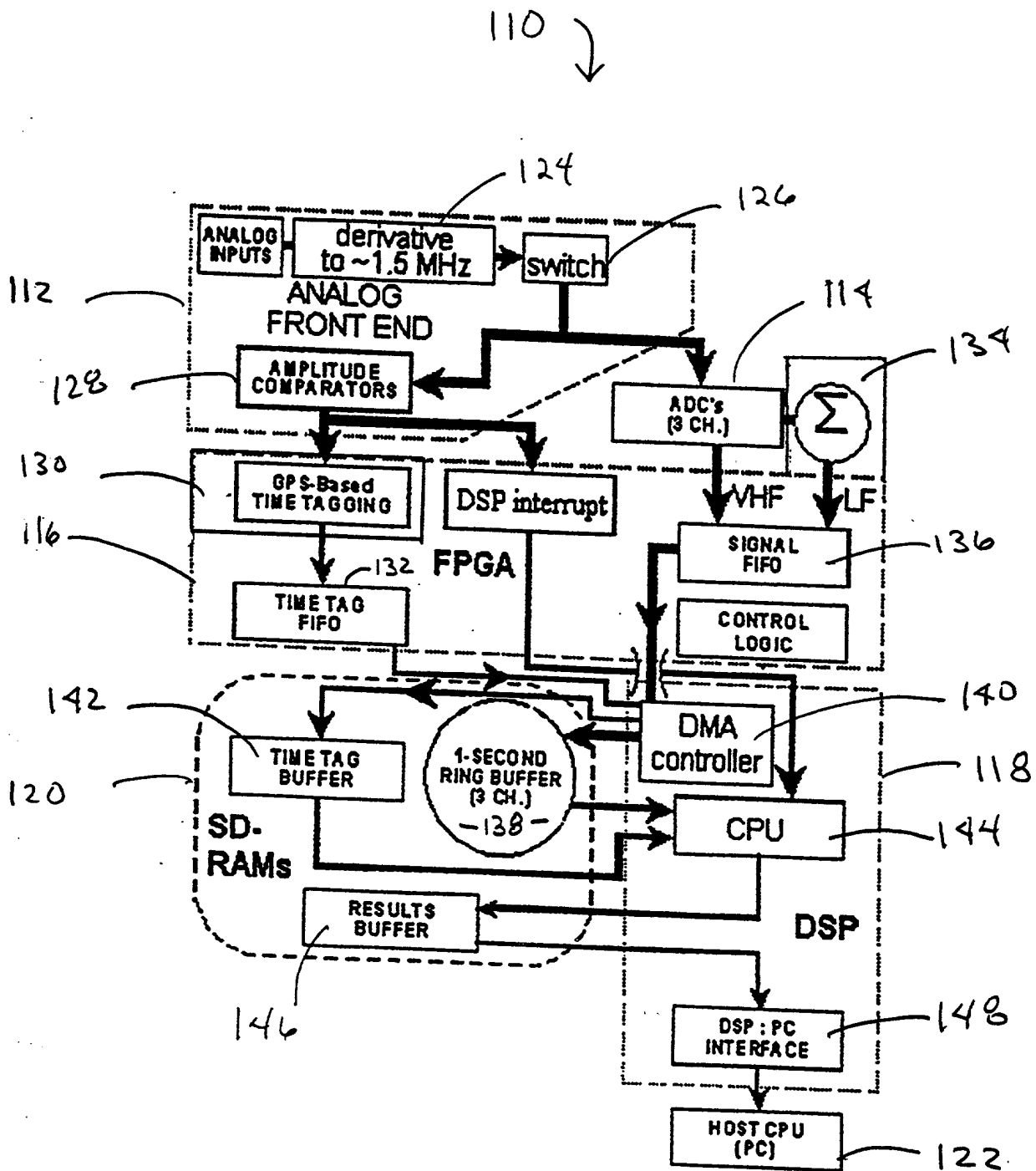


FIG. 6

## Major components of filtering & amplification

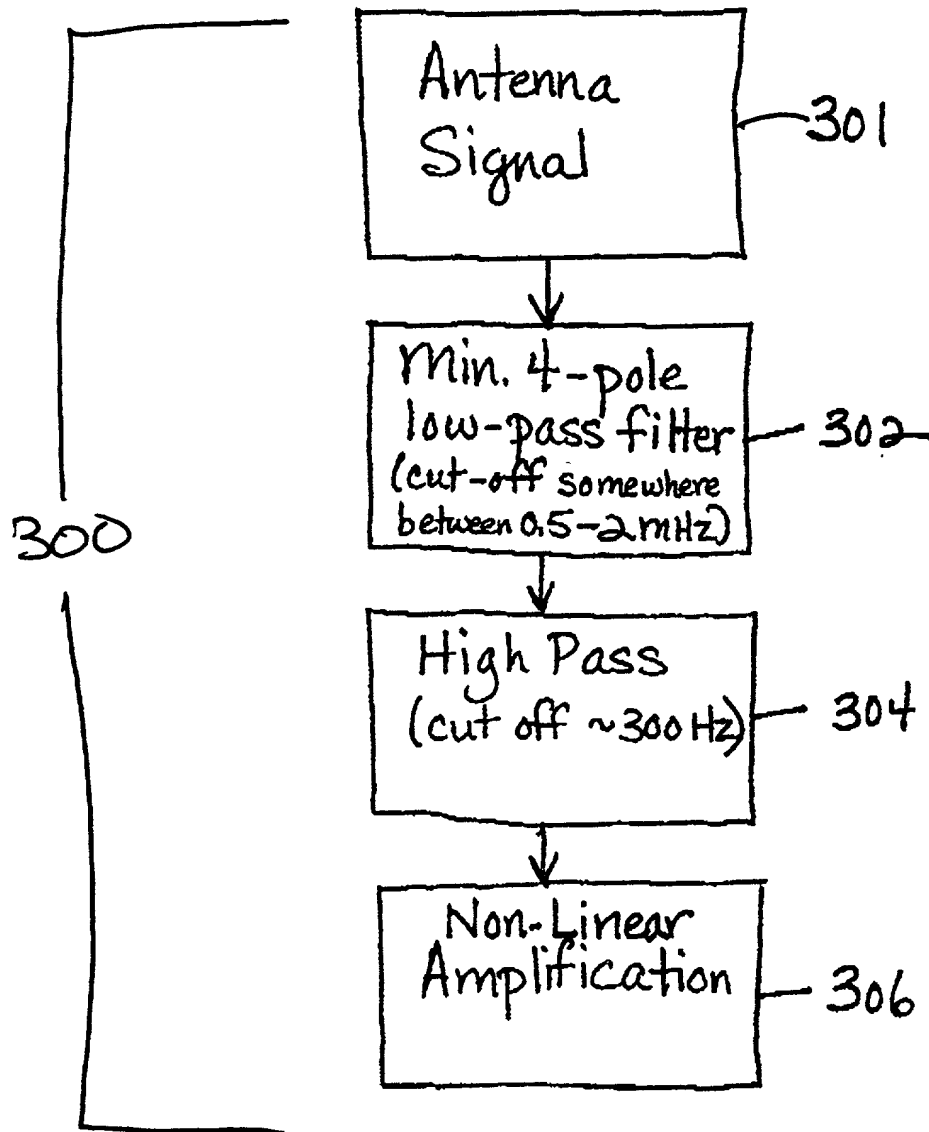


FIG. 7

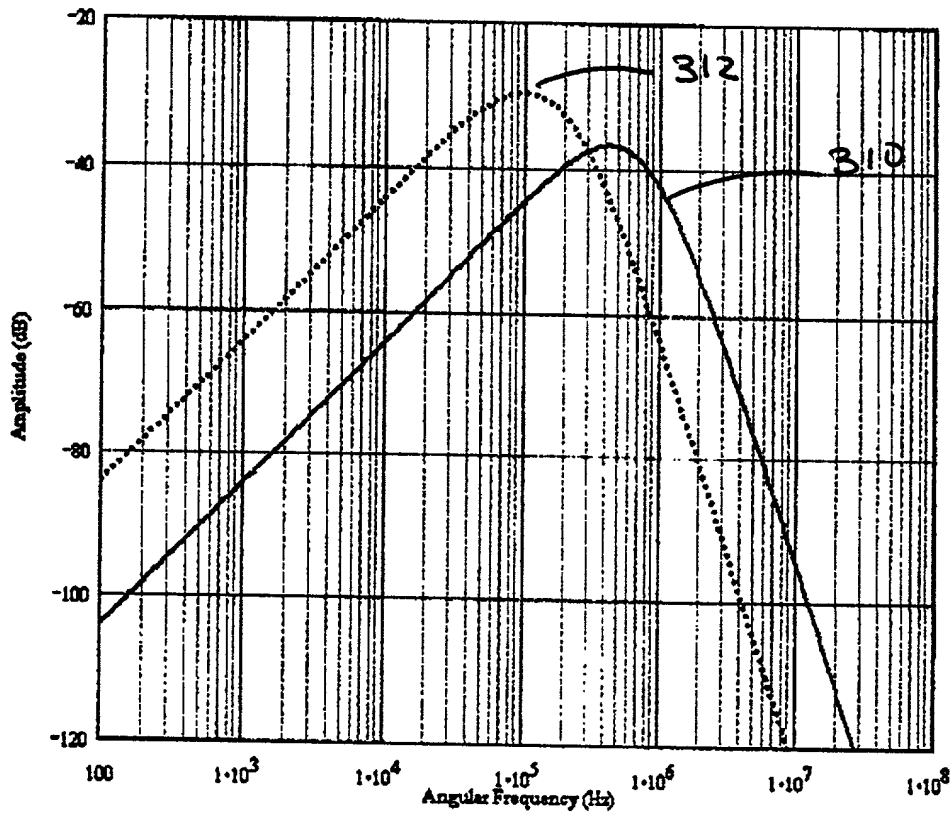


FIG. 8



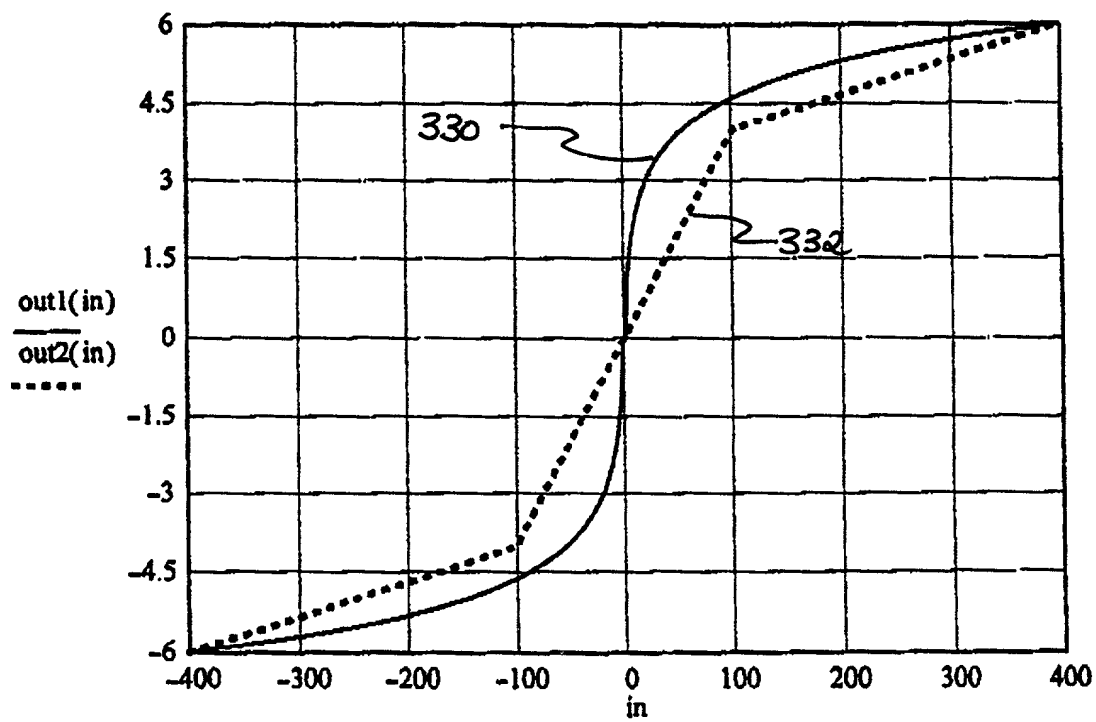


FIG. 9

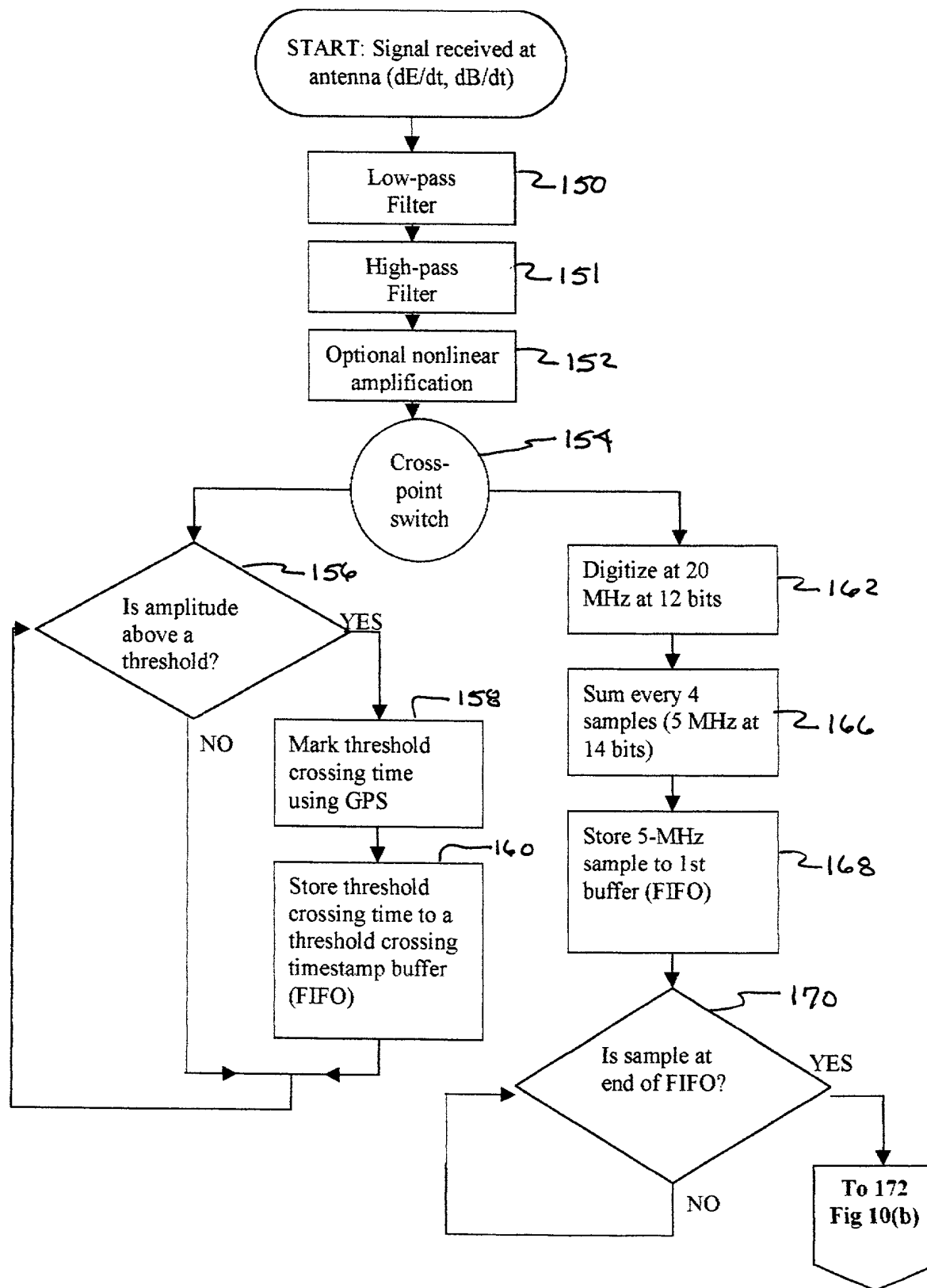


Fig. 10(a)

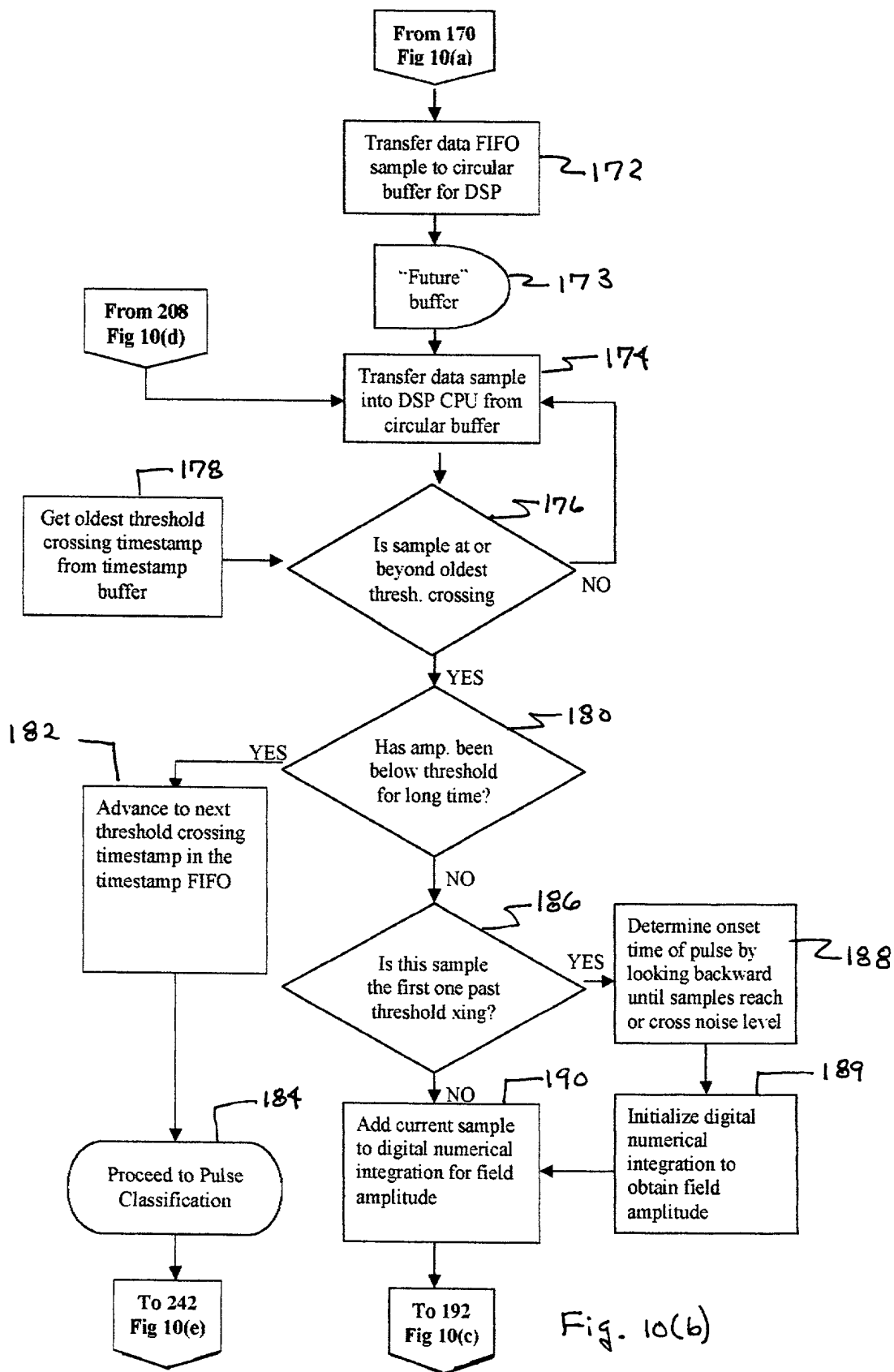


Fig. 10(b)

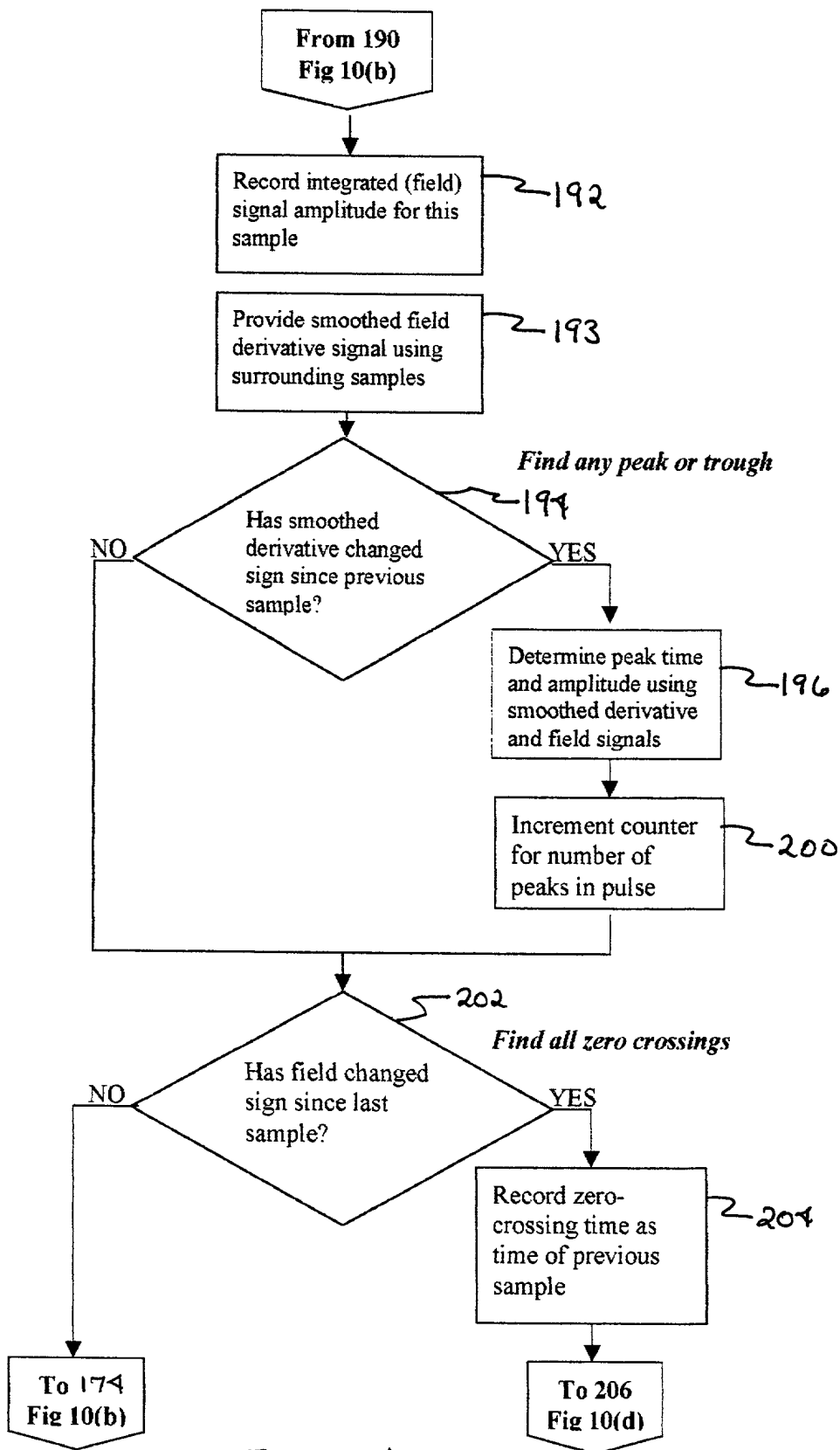


Fig. 10(c)

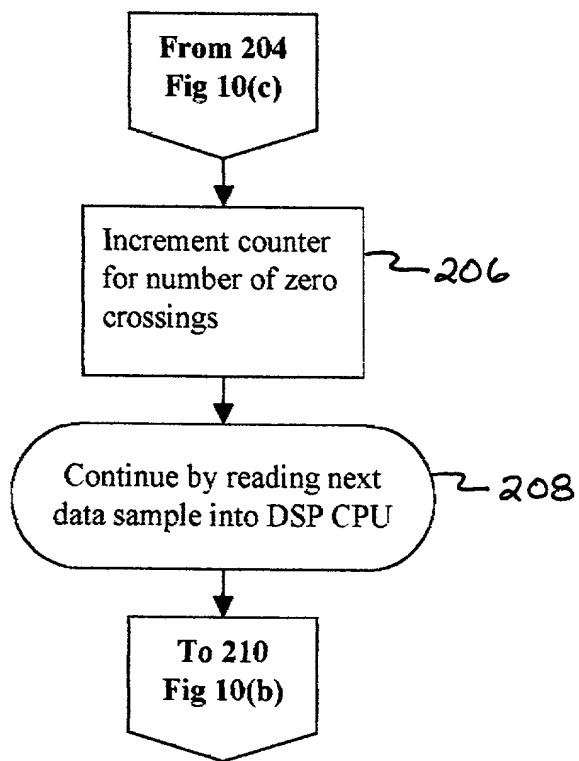
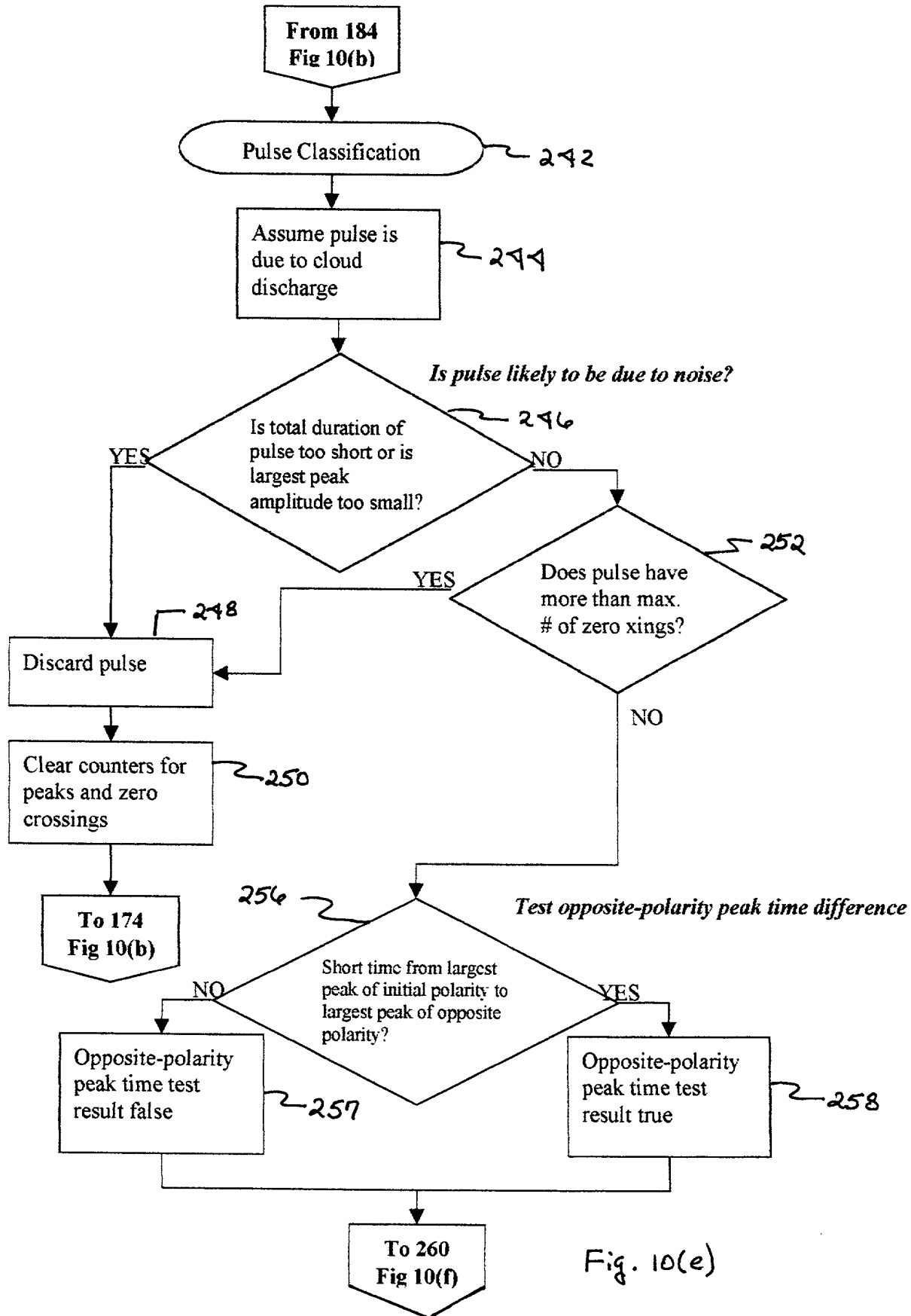


Fig. 10(d)



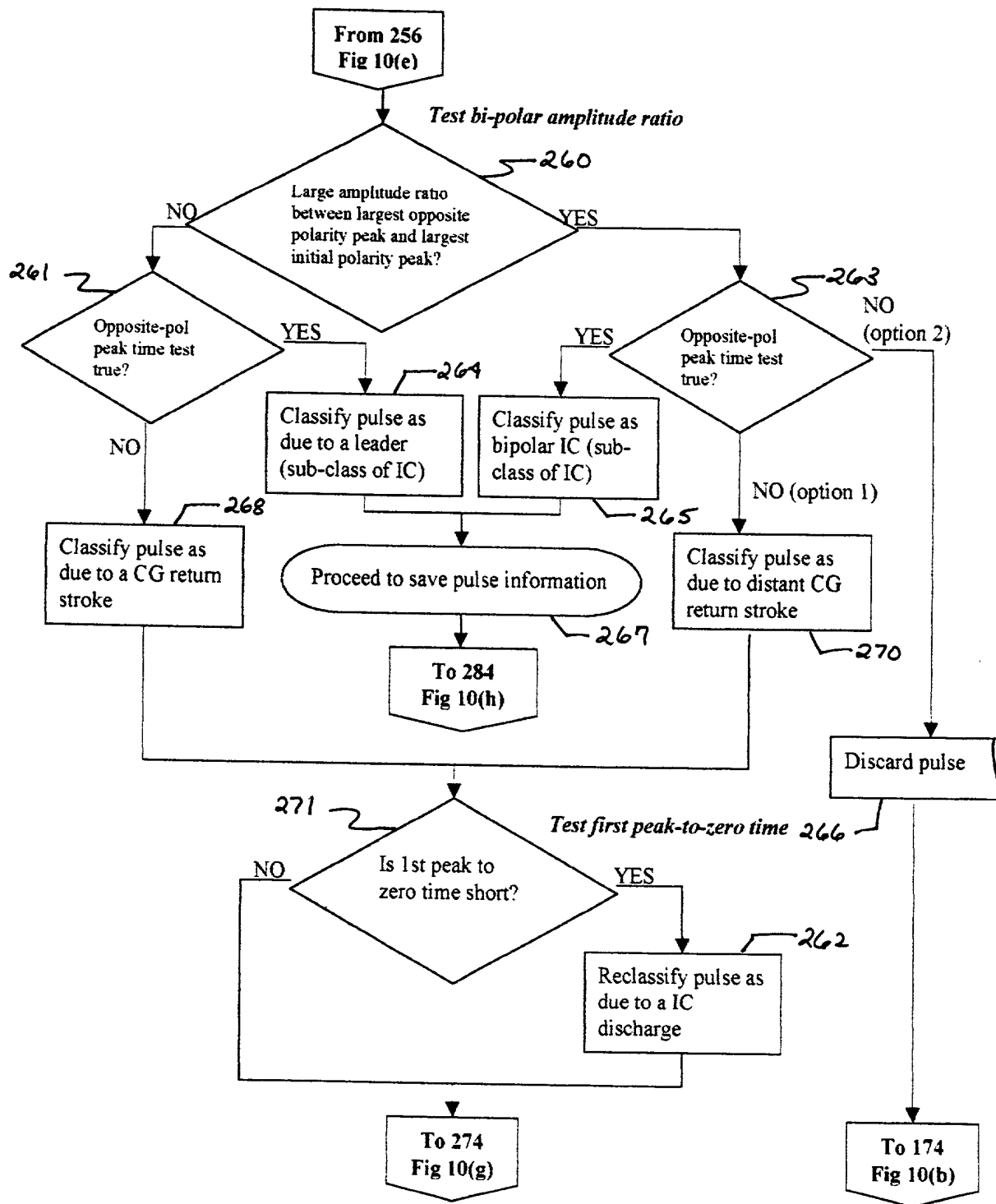


Fig. 10(f)

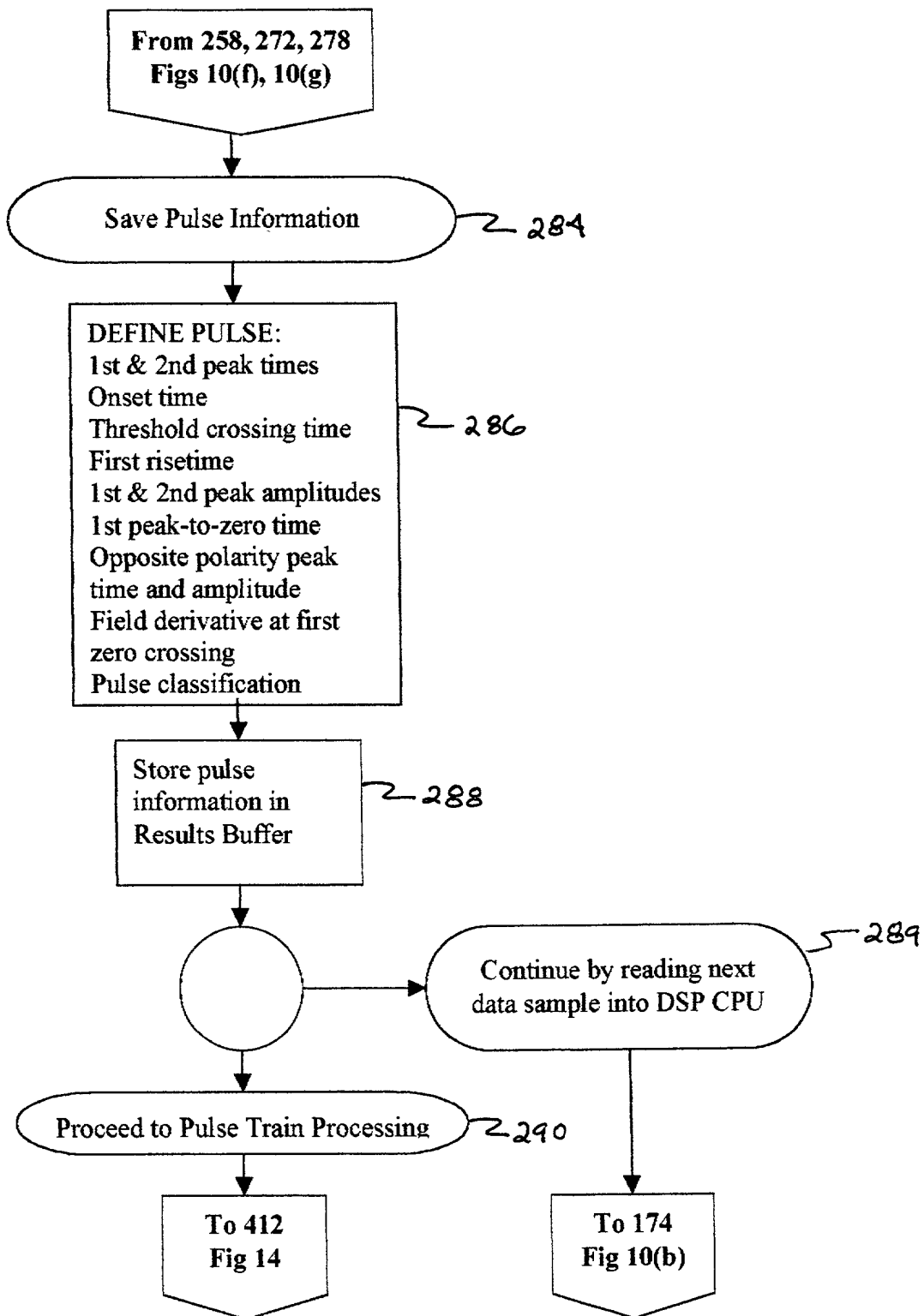


Fig. 10(h)



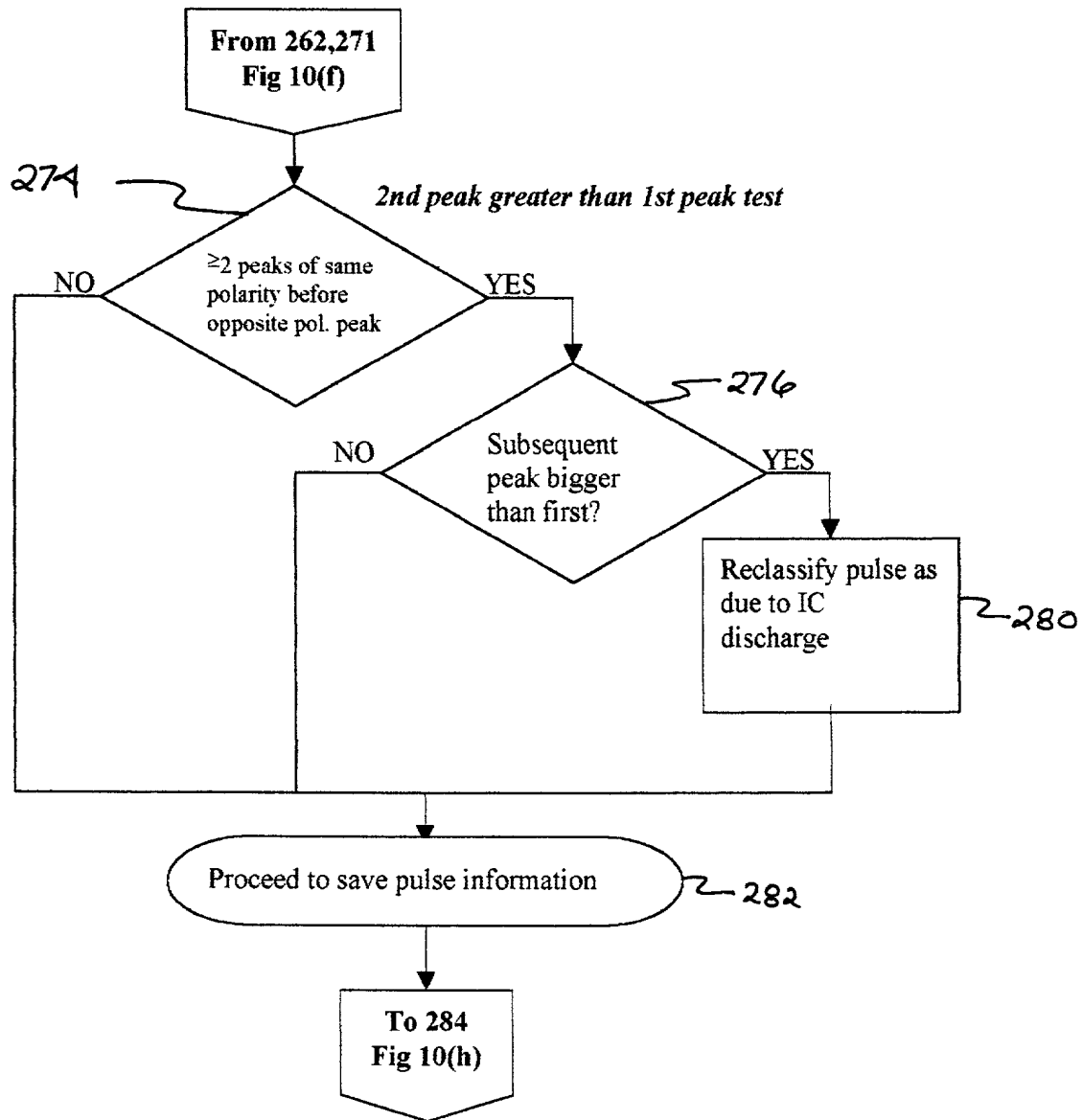


Fig. 10 (g)

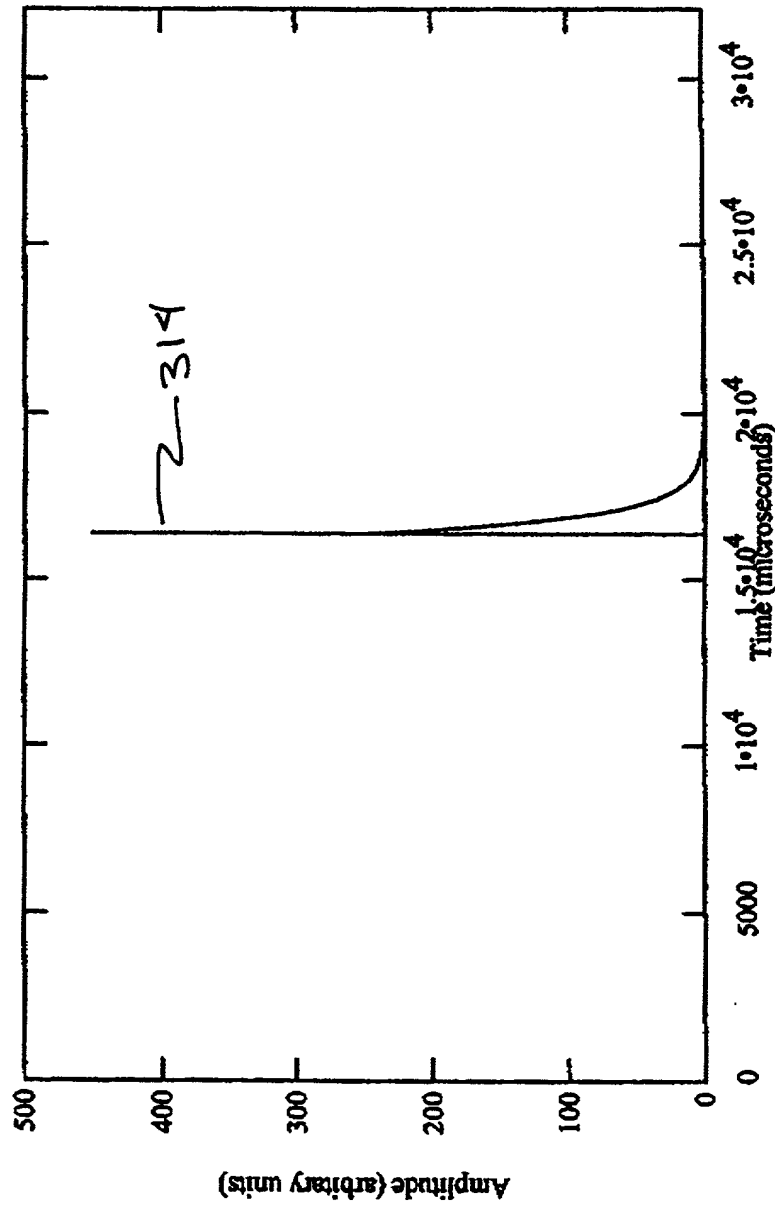


FIG. 11

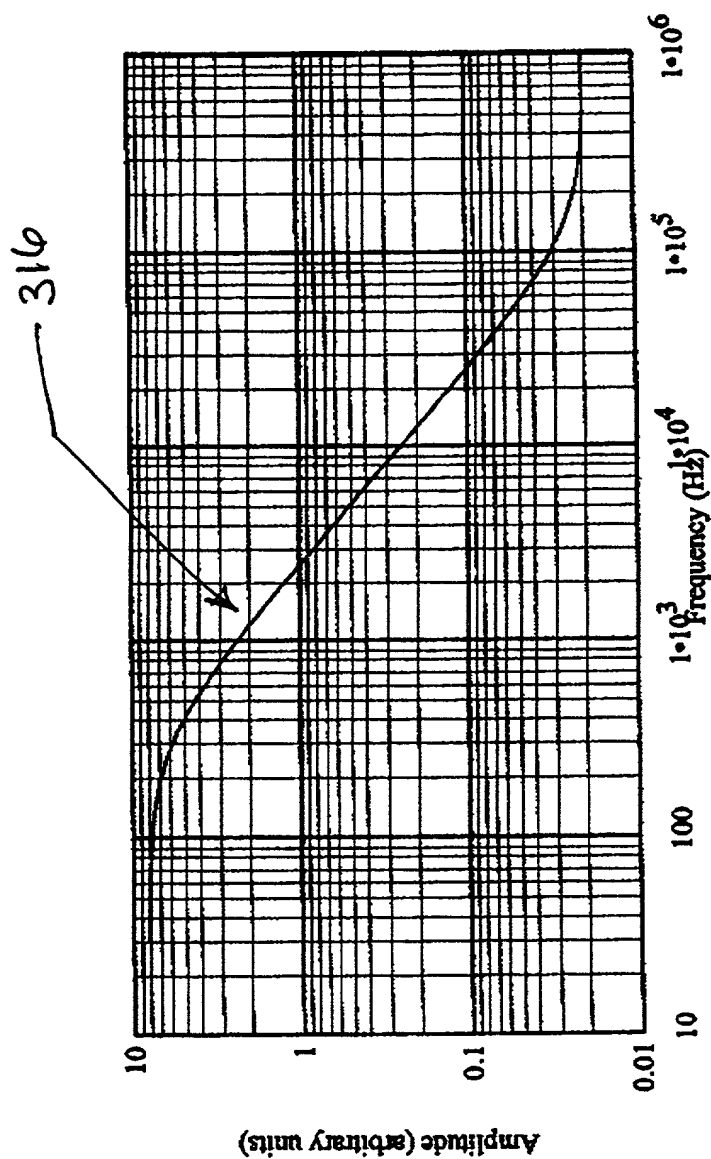


FIG. 12



FIG. 13

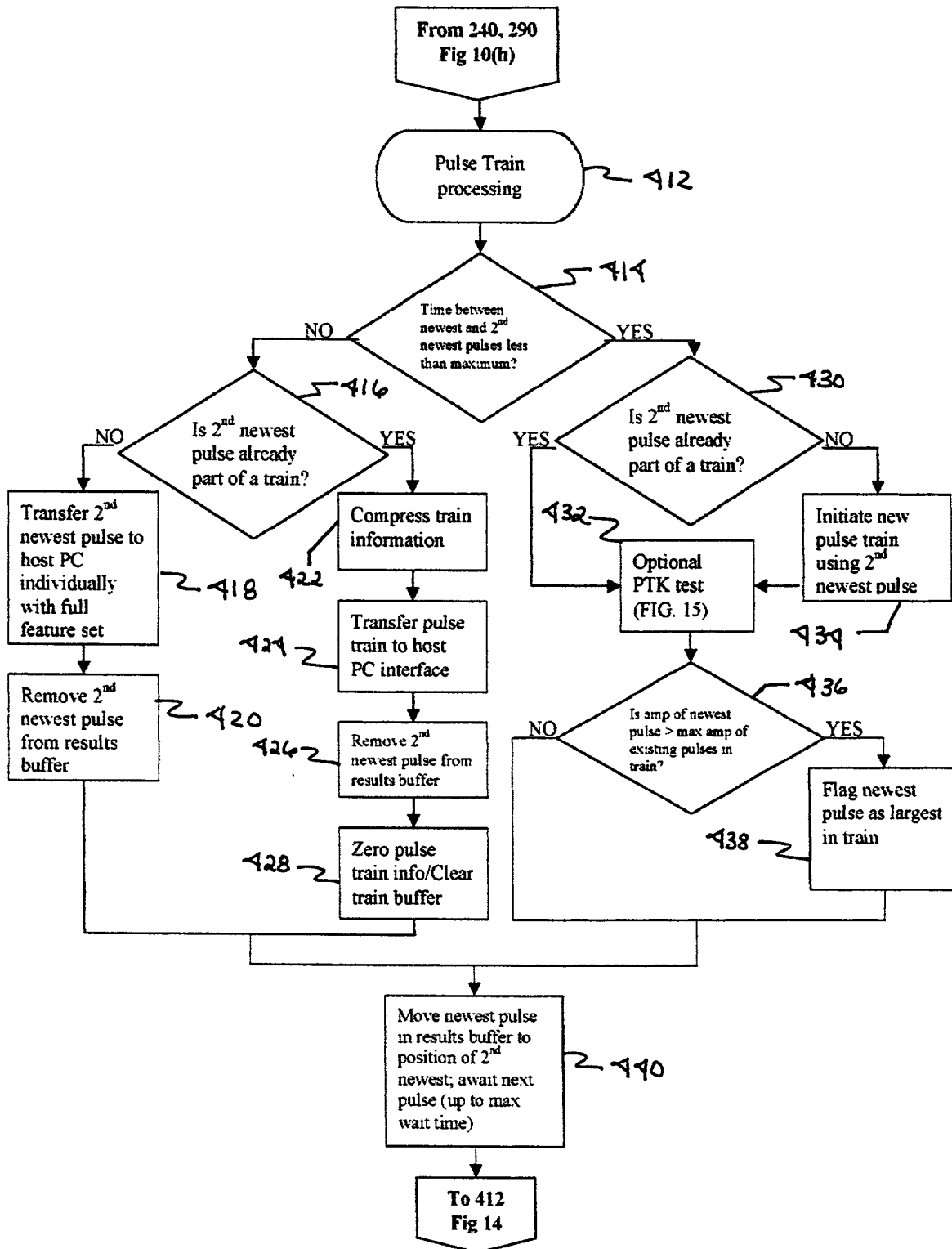


Fig. 14

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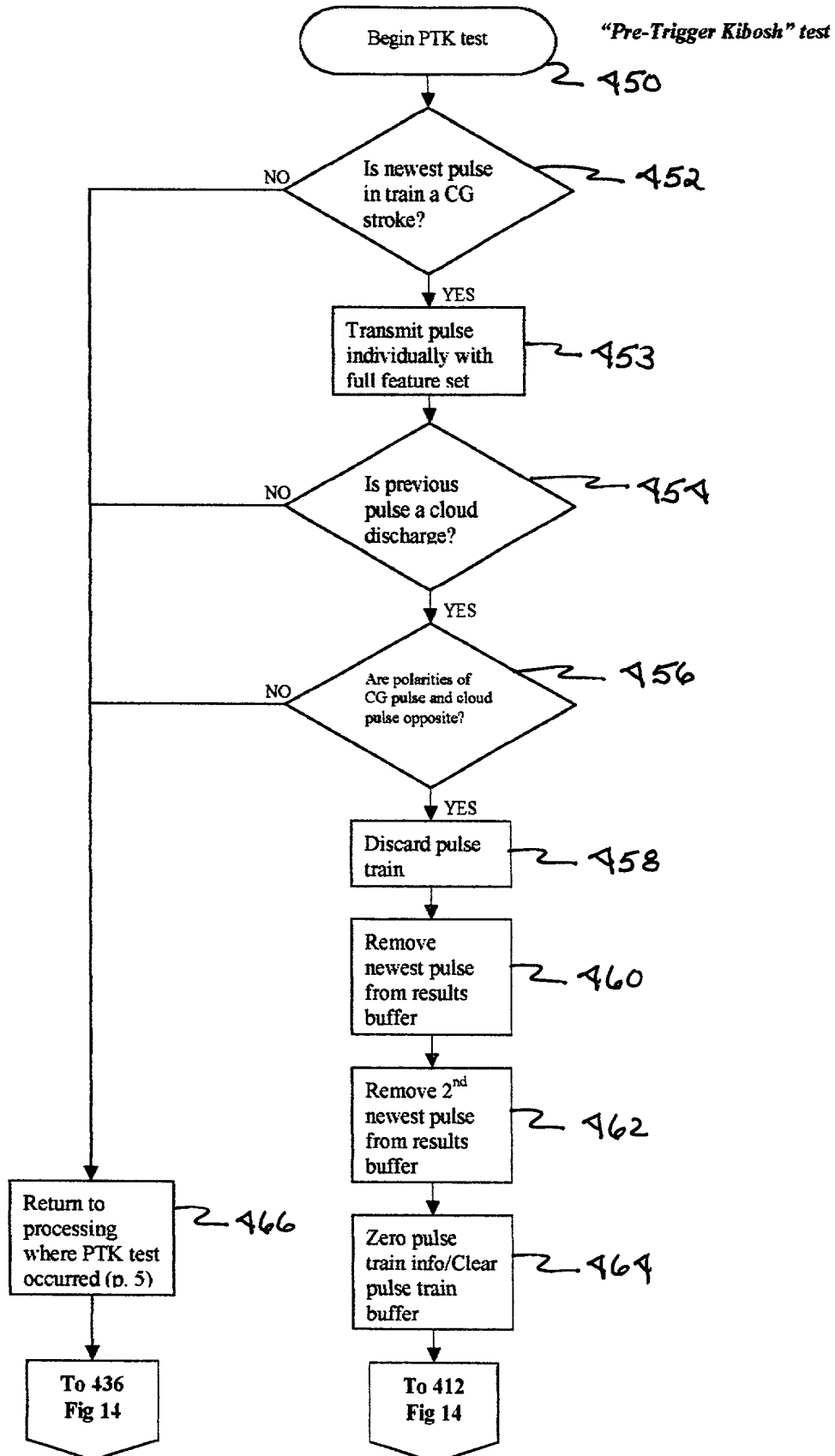


Fig. 15

Pulse	470			474		476	
	Time (frac. of sec.)			Time (microsec)		Amplitude (count)	
471 → 1	0.000500			500		4400	
473 → 2	0.000630			630		5100	
→ 3	0.000800			800		2900	
→ 4	0.000840			840		5000	
→ 5	0.000990			990		2900	
→ 6	0.001060			1060		2500	

FIG. 16

<u>Complete representations — Decimal / Hexadecimal</u>	
Pulse 1	Time (to second): 997056000
A71 →	Fraction of second: 10000
	Amplitude: 4400
	Angle: 359.99°
	Classification: Cloud
	3B6DDE00 → 480 → 2710
	482 → 1130
	484 → 7FFF
	486 → 1
	488

FIG. 17



205240" 5505/001

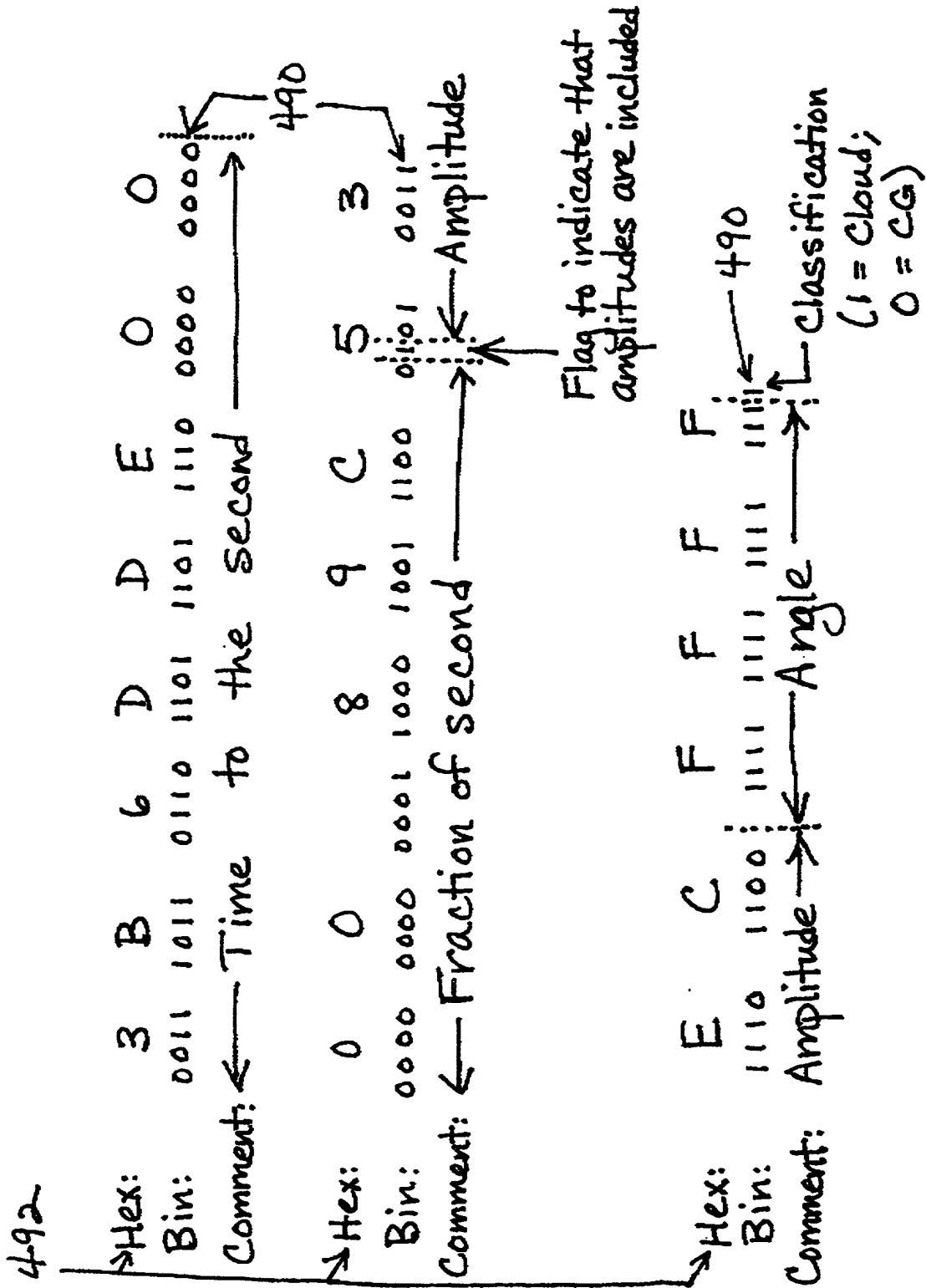


FIG. 18

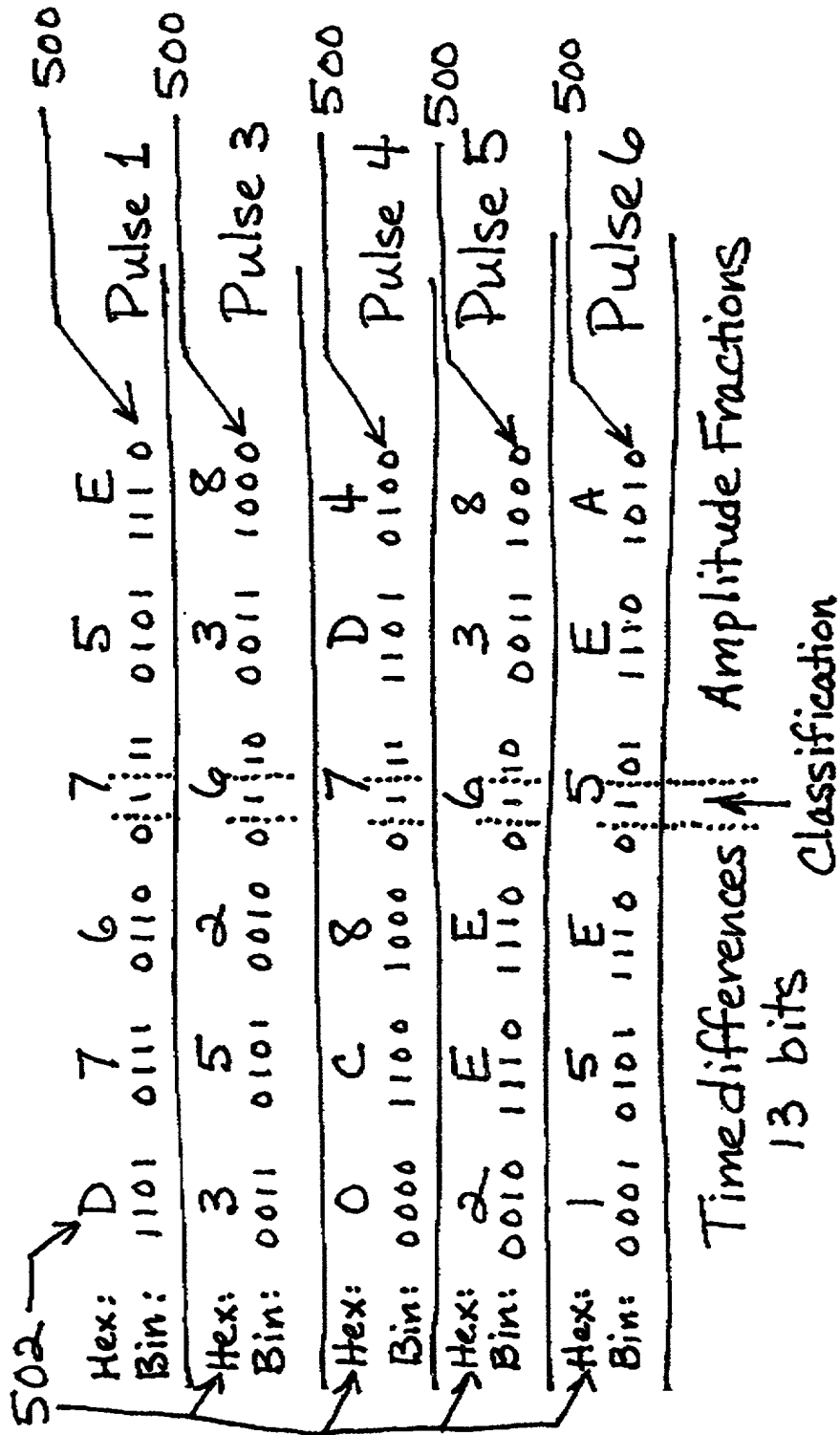


FIG. 19

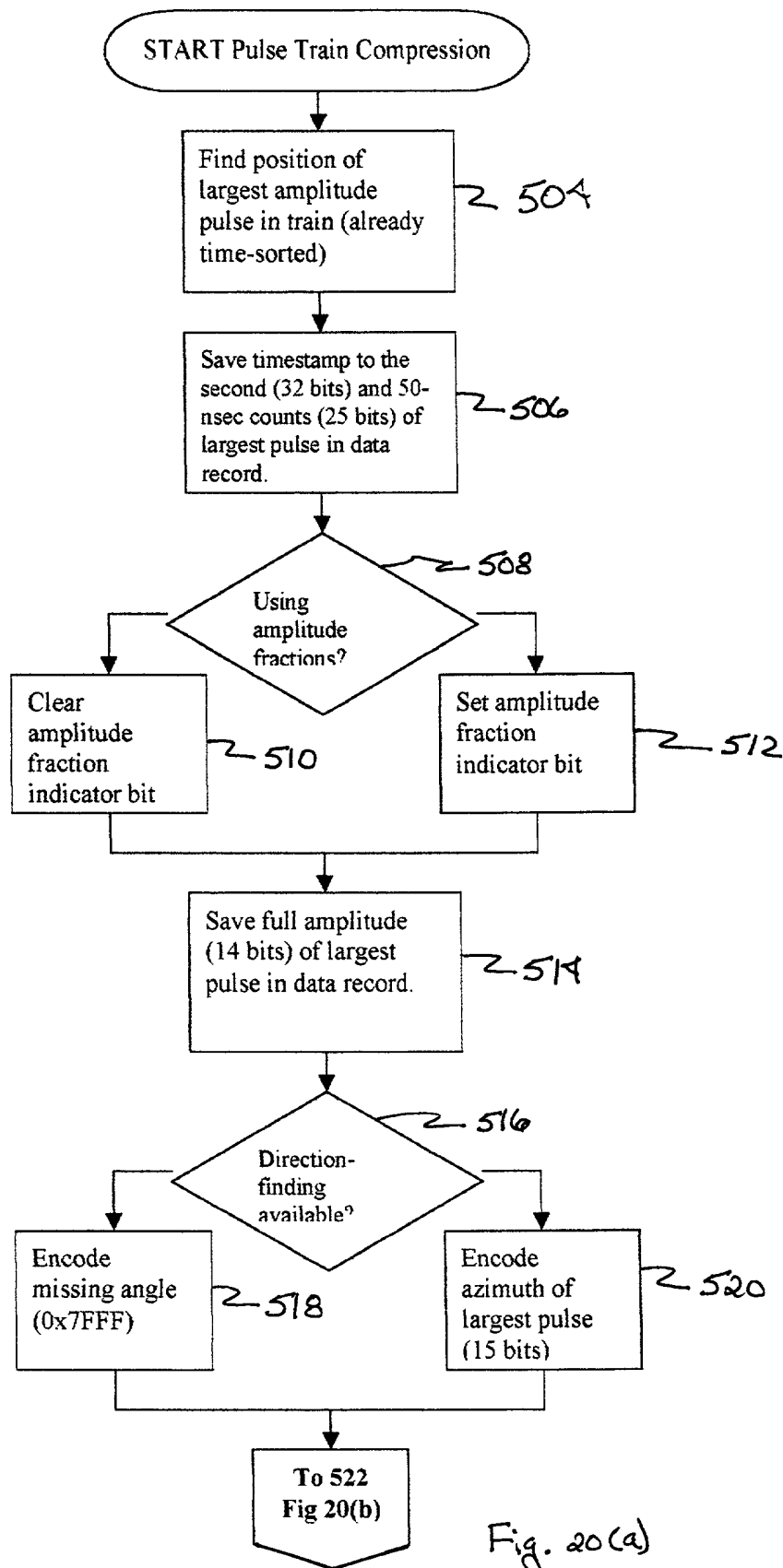
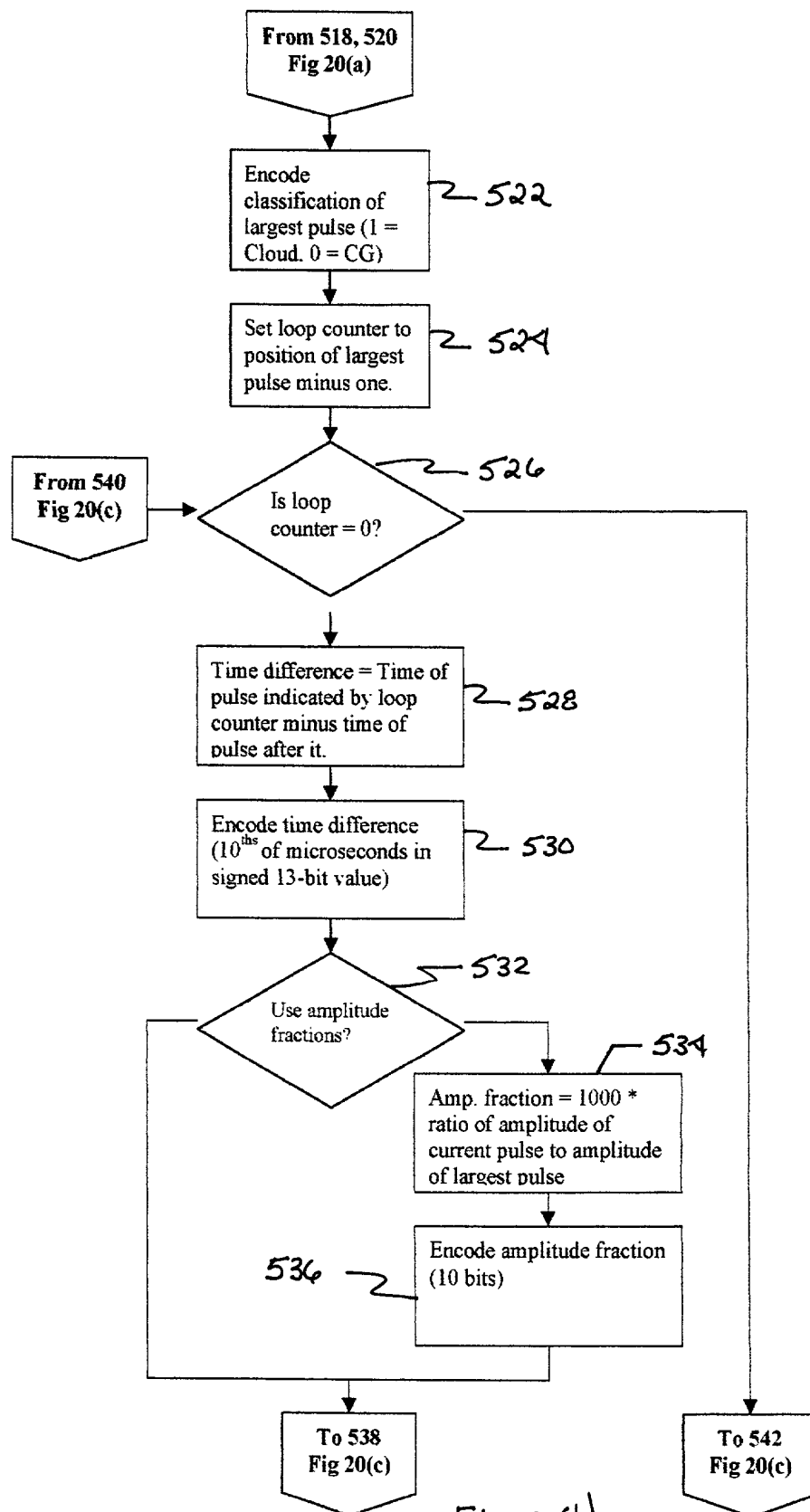


Fig. 20(a)



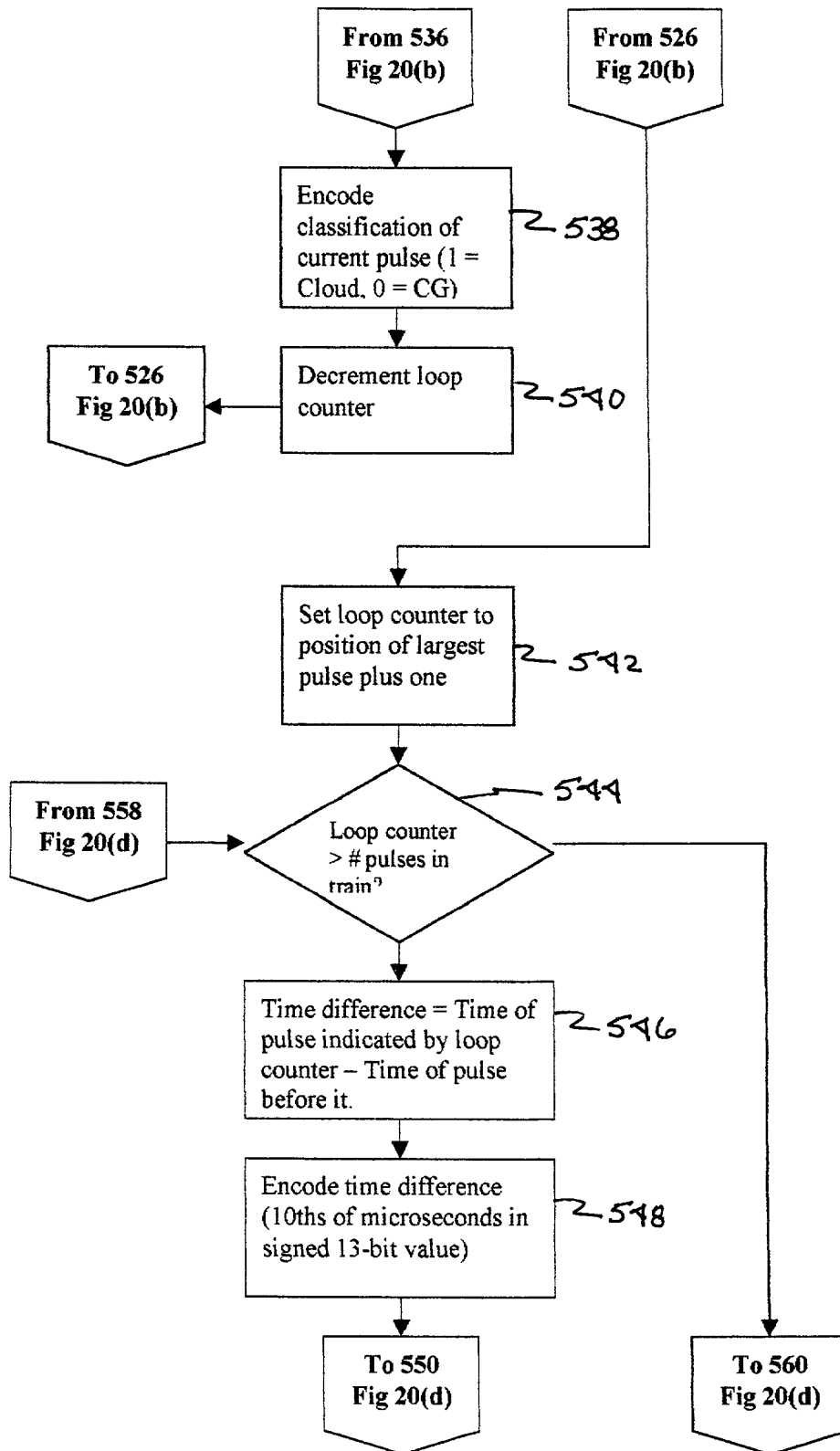


Fig. 20(c)

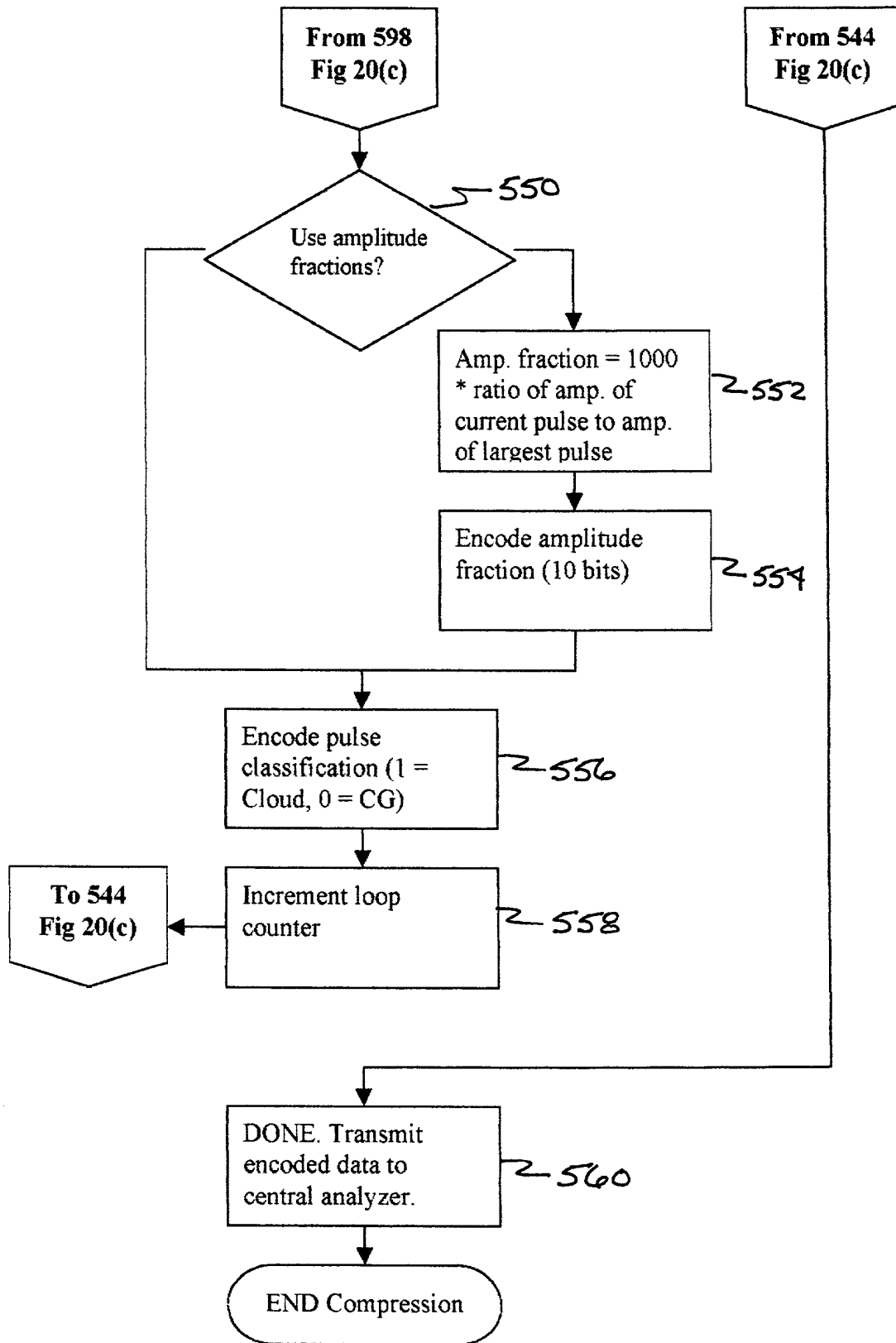


Fig. 20(d)

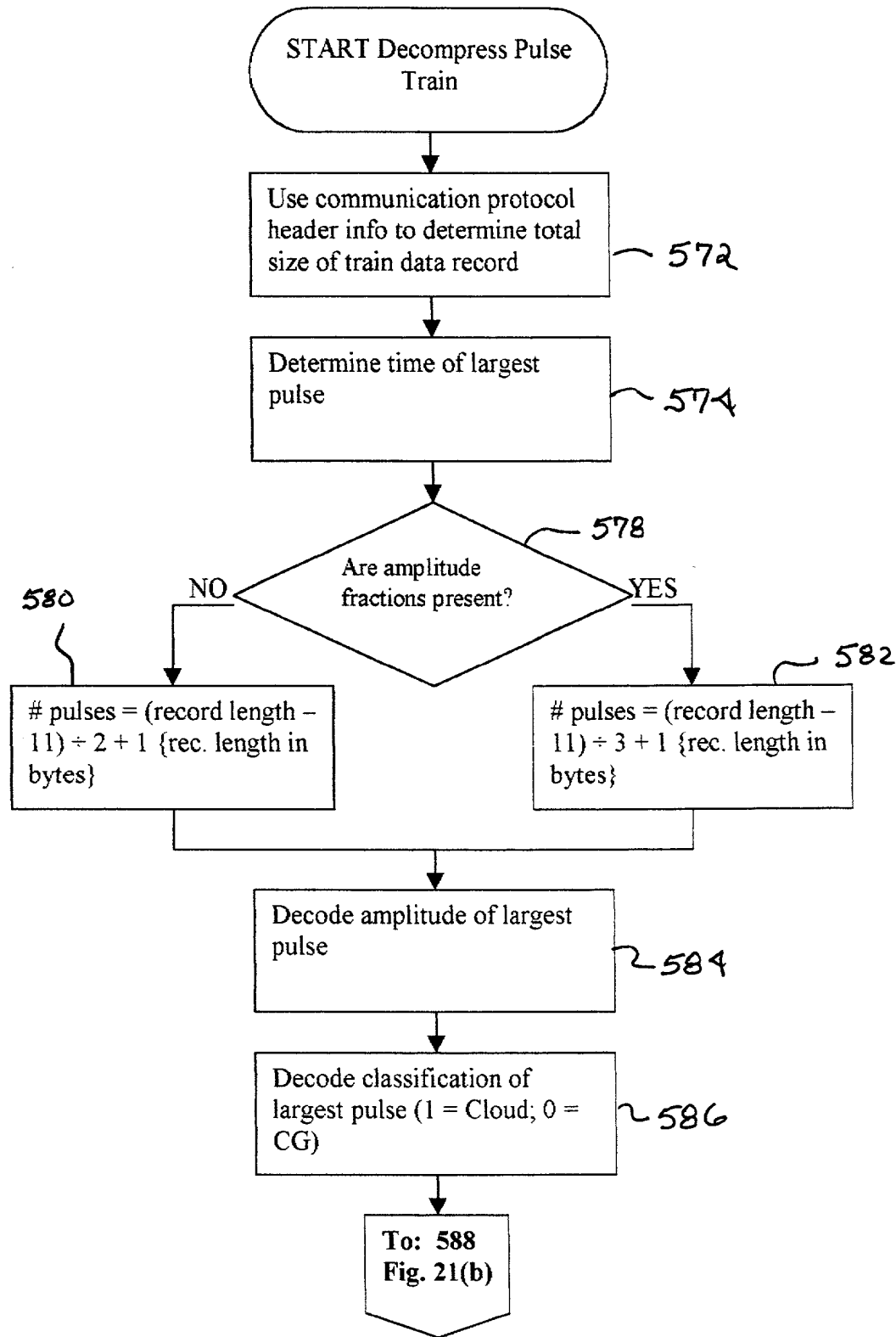


Fig. 21(a)

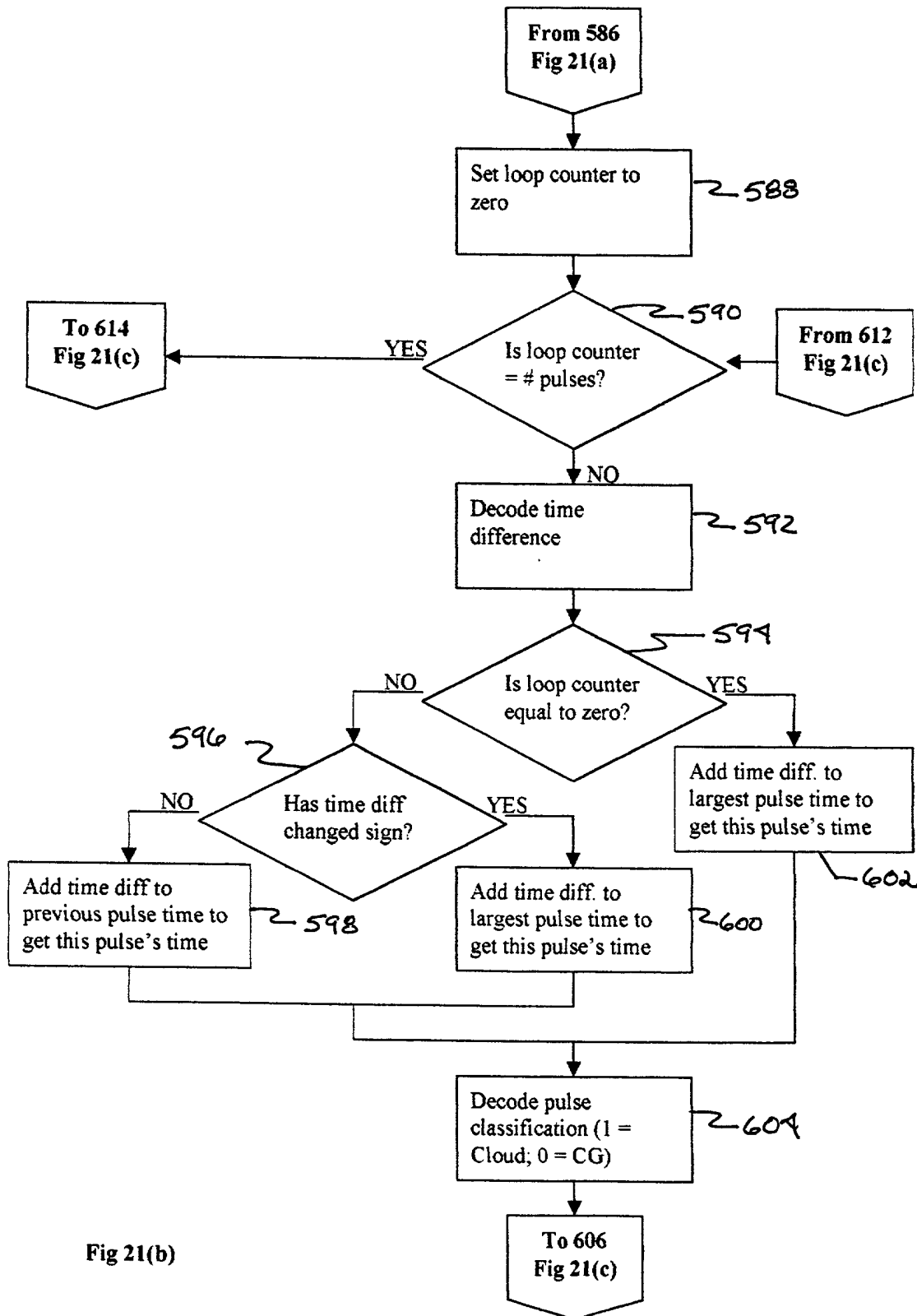


Fig 21(b)



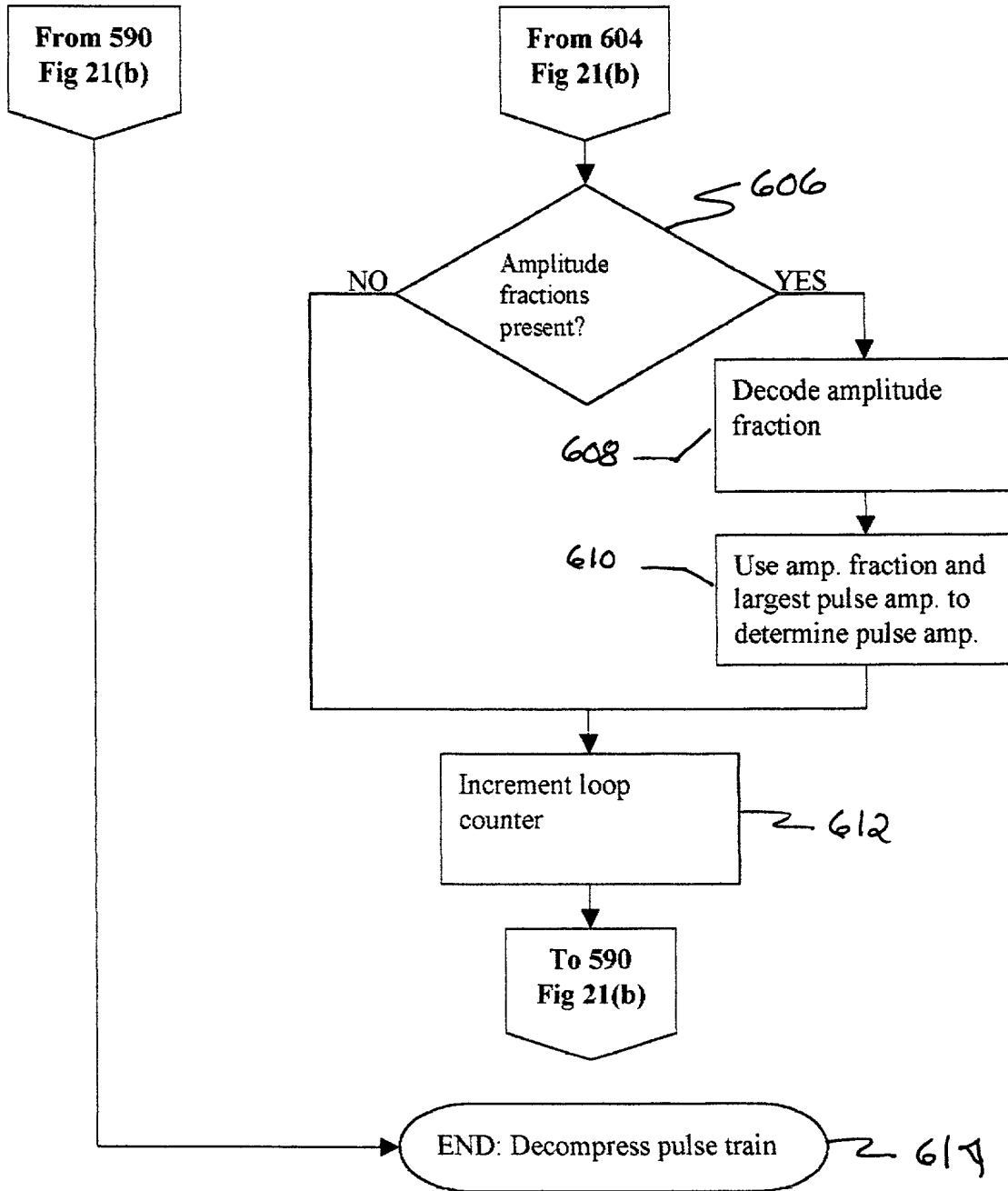


Fig 21(c)

SCANNED, # 14

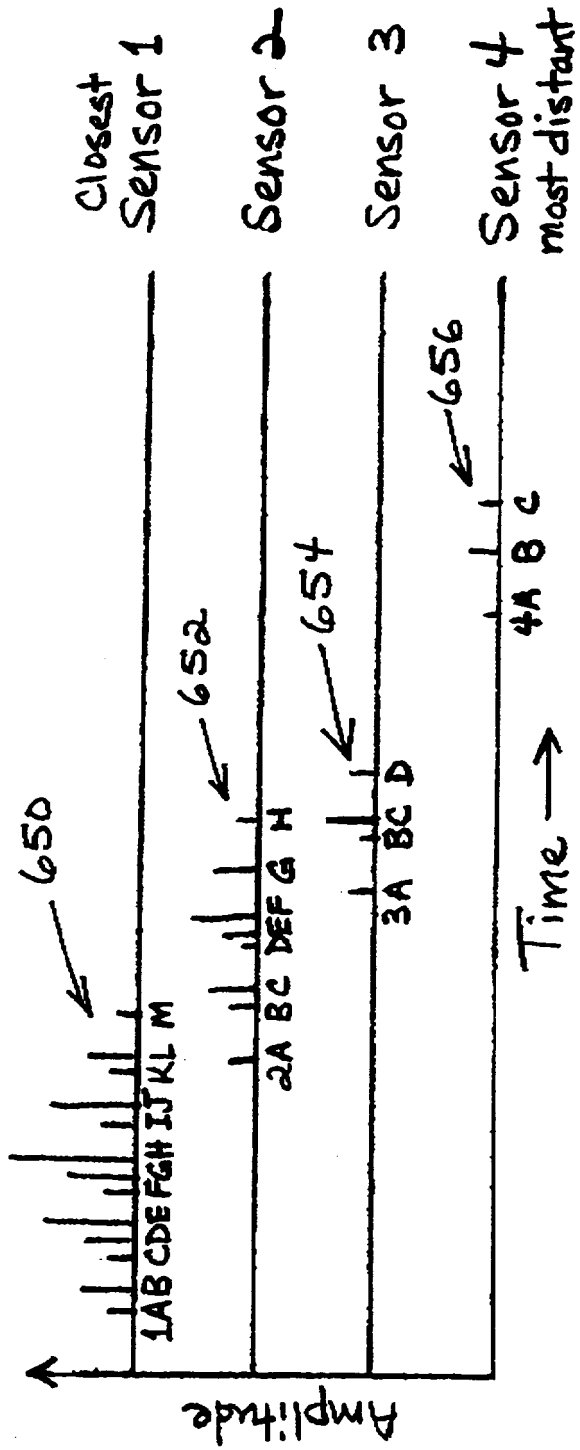


FIG. 222

2005240-6505/001

DECREASING MAGNITUDE

SENSOR1	SENSOR2	SENSOR3	SENSOR4
1H	2F	3C	4B
1J	2G	3D	4C
1E	2C	3A	4A
1G	2E	3B	
1B	2A		
1L	2H		
1D	2B		
1F	2D		
1A			
1C			
1I			
1K			
1M			

FIGURE 23

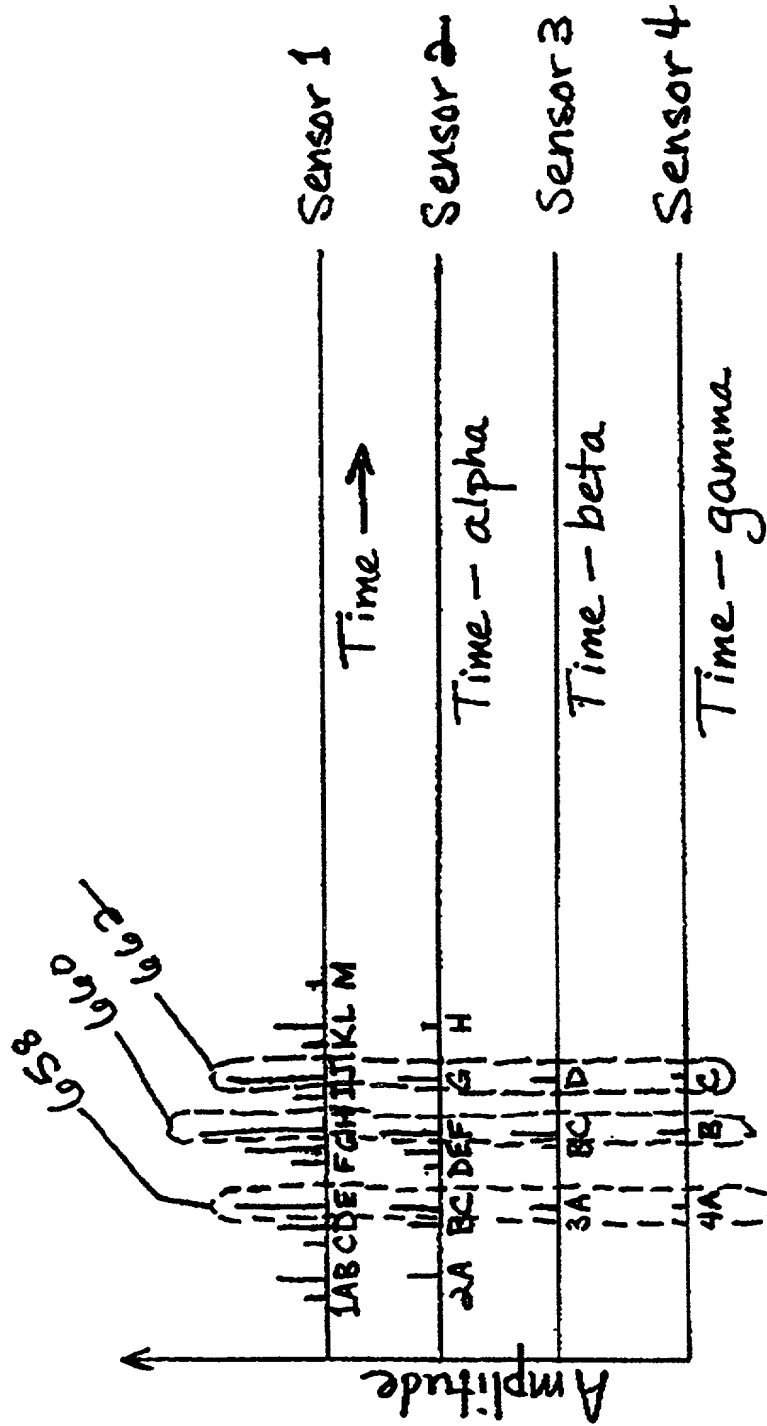


FIG. 24